

## WHAT IS CLAIMED IS:

- 1           1.       A method for providing magnetic wear debris collection for an air  
2 bearing of a spindle motor in a hard disk drive, comprising:  
3           providing a spindle motor comprising a hub;  
4           providing an air bearing for a journal bearing radially supporting the hub;  
5           positioning a magnetic ring in a position proximate to the air bearing; and  
6           as the motor is activated to spin the spindle and disk, accumulating debris at the  
7 magnetic ring.
- 1           2.       The method of claim 1 further comprising providing a mating surface to  
2 the journal comprising a paramagnetic material.
- 1           3.       The method of claim 1 further comprising providing a mating surface to  
2 the journal comprising a ferromagnetic material.
- 1           4.       The method of claim 1 further comprising providing a thrust bearing to  
2 axially support the hub.
- 1           5.       The method of claim 4 wherein the thrust bearing comprises an oil  
2 bearing.
- 1           6.       The method of claim 4 wherein the thrust bearing comprises an air  
2 bearing.